

Declass Review by NIMA / DoD

February 29, 1964

Linear Phasolver Measuring Engine

STATINTL

I have not been able to find this contract on the contract status report, so I don't know the contract number.

Work is proceeding nicely and they are still on the schedule established in the Dec, 63 progress report. The electrical filters are due in the first of March. They had expected them to be long lead items and were somewhat concerned over their timely delivery. This delivery date is good however and will not hold them up.

STATINTL

The glass blanks on which they will put the phasolver patterns were made by [REDACTED] then sent the plates to [REDACTED] to measure flatness. The 10" driver plate was good and it was sent on to [REDACTED]. The 23" coupler however had .005" curvature. This is far too much and the plate was sent back to [REDACTED] for rework. The plate will be needed in about 3 weeks by [REDACTED].

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There was no word from [REDACTED] on how he was doing. [REDACTED] expects to have some word before the week is out. [REDACTED] is due to complete the master work by March 19.

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STATINTL

[REDACTED] is working up a description of the prototype measuring machine which would use the phasolver measuring engine. He is presently considering only two axes. It is not clear at the moment whether rotational adjustment will be necessary. [REDACTED] do the present measuring machines have a rotational axis? It seems to me that it is not necessary. This will be a pretty heavy rugged device. The granite base will weigh about 5 tons if they don't make special provisions to reduce the weight. Will a machine that weighs 7 or 8 tons present problems? What does the [REDACTED] Dual Screen Measuring Projector weigh? [REDACTED] is planning on covering a format 9" wide and 1 meter long. This makes the machine pretty big. What are the overall dimensional limits for getting it in the building? [REDACTED] is seriously considering contacting [REDACTED] for a joint effort.

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February 29, 1964

High Resolution Screen

(Potential Contract)

STATINTL

[REDACTED]

STATINTL

Contract negotiations were completed by [REDACTED]. So far as [REDACTED] knows, there is nothing further required of them that is outstanding. They are ready to proceed.

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[REDACTED] chief engineer and [REDACTED] boss, were briefed by [REDACTED] is handling security on this work as their company security man is not cleared yet.

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As [REDACTED] had been asked to give a presentation to the Development Committee on Friday Feb 28, I discussed with [REDACTED] the physical facilities available. They were planning to use 35 mm slides, so that presented no problem. I recommended that they try to get in prior to the day of the presentation in order to cut the tape for the projector programming and in order to become somewhat familiar with the rostrum and the auditorium.

STATINTL

[REDACTED] was planning other work in Washington so he was going to try to be there on Wednesday and get checked out. My discussions were on Monday and he planned to call [REDACTED] on Tuesday to see if it could be arranged for him to come in Wed.

STATINTL

I didn't see any of the slides, but the presentation they were planning seemed pretty good. I felt it should be weighted a little more heavily toward exploitation and the screen work. It is almost impossible to evaluate a presentation from a description of it. It depends almost entirely on the liveliness and capability of the speaker.

STATINTL

[REDACTED] talk was no doubt hampered by the corporate decision to maintain their silver halide work company confidential. He planned therefore to touch very lightly on that aspect. He planned however to cover their work on high temperature processing and their preparation of extremely high purity materials such as Columbian.

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(2)
(3)
(4)
(5) 7-16

[REDACTED]

WFM
16 Mar
[Handwritten signature]

[REDACTED]

STATINTL

February 29, 1964

STATINTL

Digital Readout Comparator

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The first unit was shipped to [redacted] on Jan. 20. There has been no word from [redacted] regarding any problems.

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For the second unit, [redacted] the engineer on the job was concerned about the pulse shape of the pulse from the [redacted] sensor sensor. Mr. [redacted] chief engineer of [redacted] called [redacted] and gave him all the information needed about the pulse shape. As a result, [redacted] was reassured that there would be no problem. He had already finished his checkout of the unit. The cables had been repaired, the switches had been replaced and the second unit was ready for shipment. It was shipped Tuesday February 25.

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[redacted] lost several thousand dollars on this job. One of the reasons undoubtedly was the very extensive checkout required which certainly was not bid into the job.

STATINTL

[redacted] is planning to review the job carefully to see if there were any things they had done which were not within the scope of the original contract. He was still undecided, even if there were some extra items, as to whether he would request coverage.

STATINTL

[redacted] is certainly to be commended on the meticulous job they did. They were very thorough and conscientious. With respect to spares, I asked if there were any circuit boards which were more likely to give trouble than any others. Both [redacted] said no. They have not encountered any systematic failures in their equipment. What failures they do have have been pretty much random and due principally to diode or transistor failure.

STATINTL

I don't plan to make any further visits to [redacted] unless something specific comes up.

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STATINTL

February 29, 1964

INVOICE #21

STATINTL

For services rendered on Contract

STATINTL

From:

To:

U. S. Government

STATINTL

Professional services rendered:

Fri.	Feb. 7	1	day
Tues.	" 11	1	"
Mon.	" 17	$\frac{1}{2}$	"
Mon.	" 24	1	"
Thurs.	" 27	$\frac{1}{2}$	"
Sat.	" 29	$\frac{1}{2}$	"

Above services performed under the scope of work of the contract.

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Certified as received and accepted:

STATINTL

For

the Contracting Officer

February 29, 1964

Log of Activities

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Friday, February 7, 1964 (1 day)

Visitations:

Calif.

Tuesday, February 11, 1964 (1 day)

Visitations:

Monday, February 24, 1964 (1 day)

Visitations:

Monday, February 24, 1964 (1 day)

Visitations:

Div.,

Thursday, February 27, 1964 (1 day)

Visitation:

Saturday, February 29, 1964 (1 day)

Preparation of reports of Visitations.

February 29, 1964

INVOICE #22

STATINTL

For reimbursible expenses on Contract [REDACTED]

STATINTL

From: [REDACTED]

To: U. S. Government

Expenses incurred:

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2/7/64 Long distance telephone call to [REDACTED] \$5.17

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[REDACTED] Returned call of [REDACTED] regarding possible visitation concurrent with visit of [REDACTED]

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STATINTL

2/7/64 Long Distance telephone call to [REDACTED] Calif. to [REDACTED] at [REDACTED] \$7.15

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[REDACTED] re- garding receipt of counter from [REDACTED]

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11/20/63 Long distance telephone call to [REDACTED] \$1.60

[REDACTED] to Staff member regarding HTA/5 test program. (This is in addition to the call on 11/21 on Inv. #18. General Telephone previously overlooked this call and only now has billed me for it. Possibly this was due to a labor strike at the telephone company.)

Total

\$13.92

The above expenses were incurred in performance of the contract.

[REDACTED]

Certified as received and accepted:

STATINTL

STATINTL

[REDACTED]

14 Mar 64

For the Contracting Officer